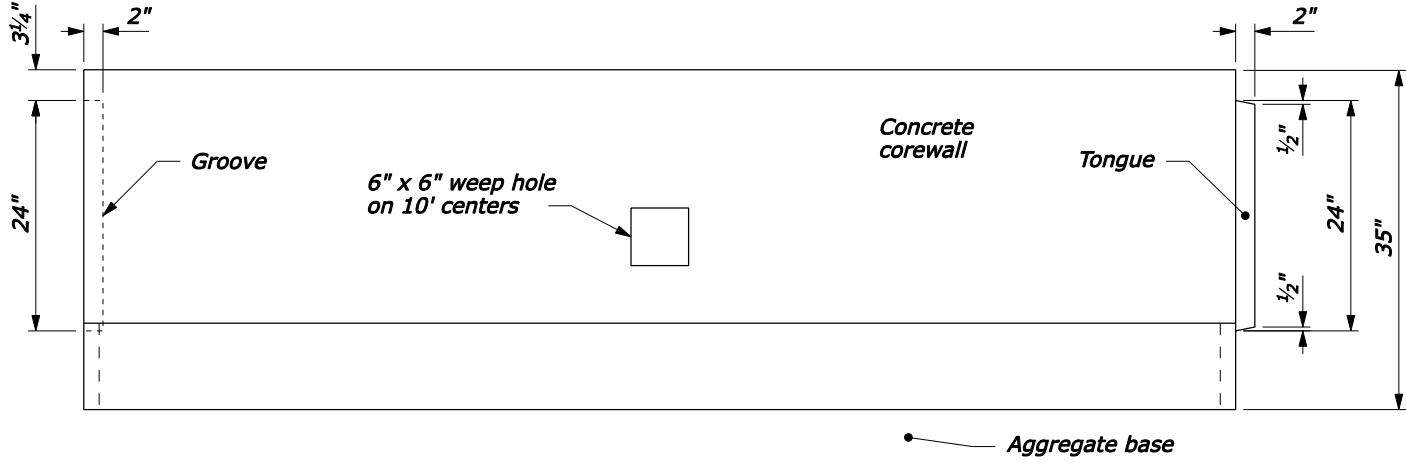
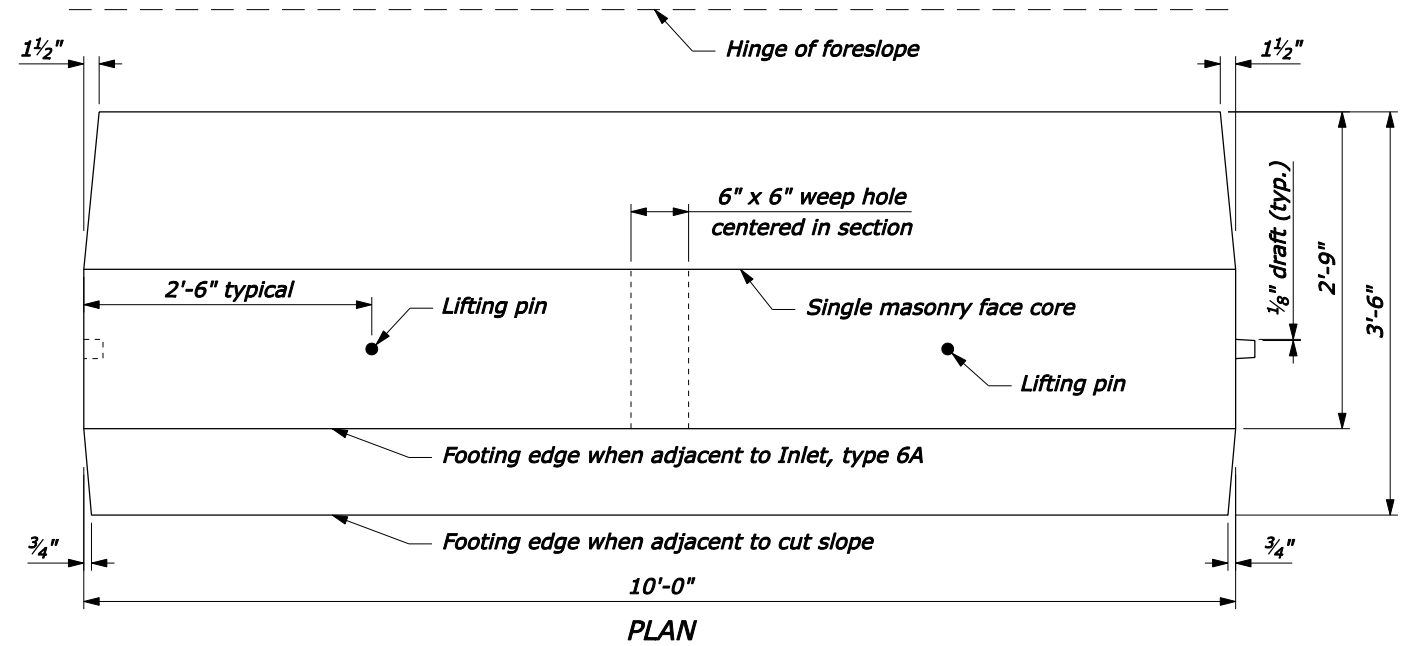
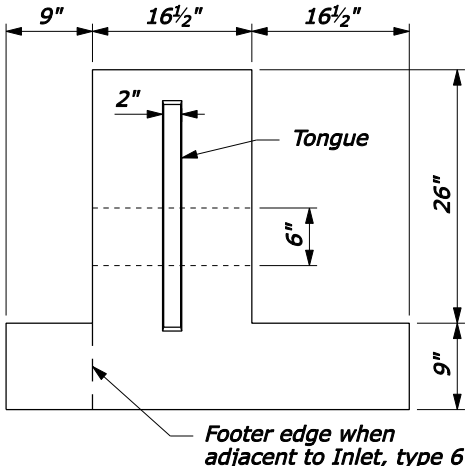


NOTE:

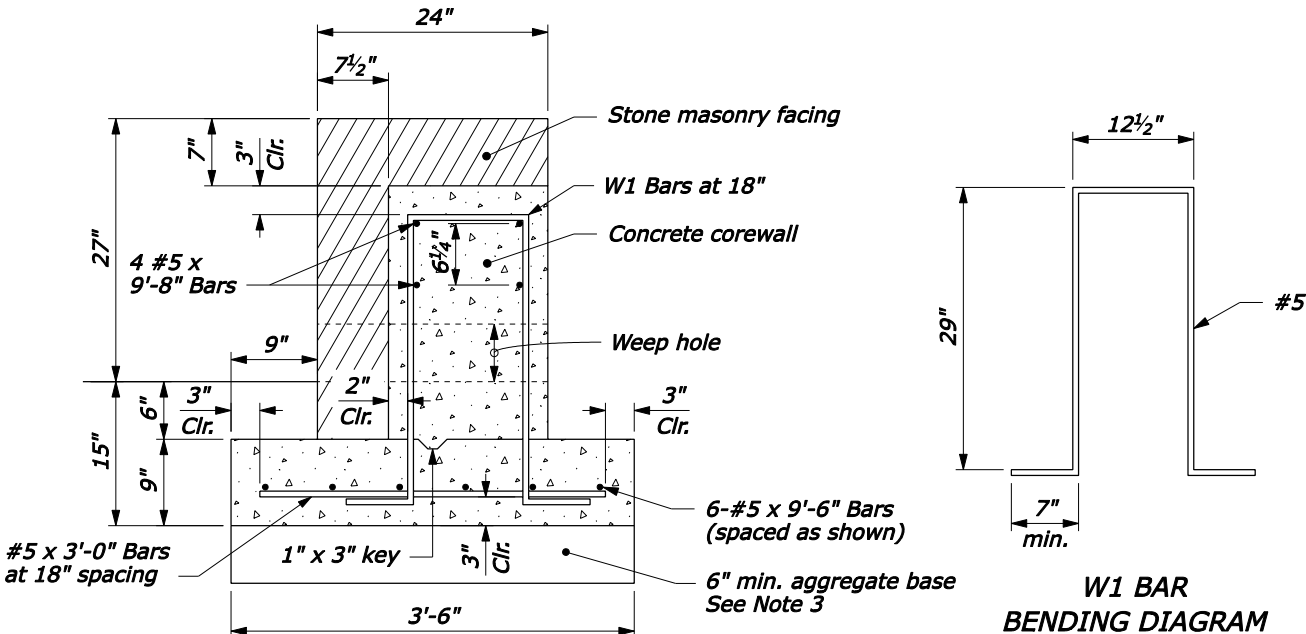
- 1. Form construction joints in the corewall at 30-foot intervals or, at the option of the Contractor, the corewall may be constructed of precast concrete units.
  - 2. On curves with radius less than 150 feet, the corewall is to be cast-in-place.
  - 3. The depth of base may be less than 6" as directed by the CO, when the foundation is on either rock fill or solid rock.
  - 4. See Typical Section for guardwall offset distance and pavement structure.
  - 5. Set galvanized metal slots with anchors for the stone work or other approved type of metal anchors in the concrete.
- Equivalent attachment systems are allowed with the approval of the CO.



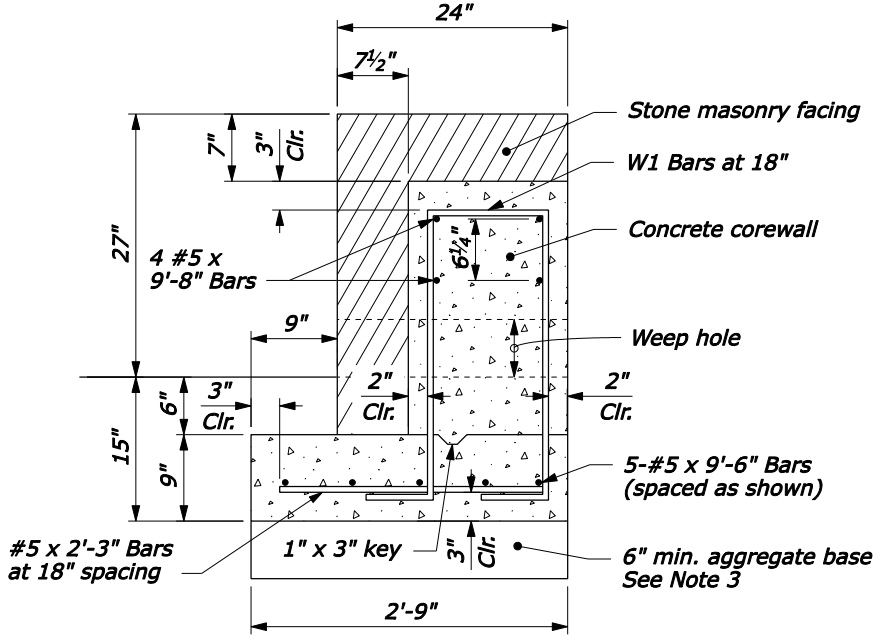
PRECAST CONCRETE COREWALL



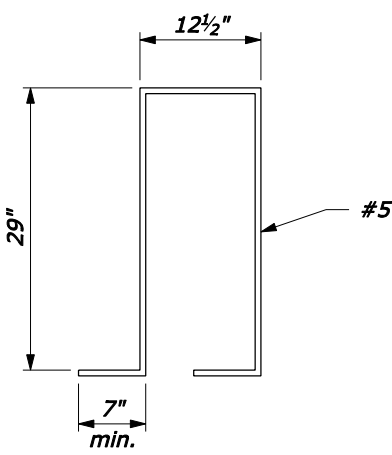
END VIEW



TYPICAL GUARDWALL CROSS SECTION  
(SINGLE FACE ADJACENT TO CUT SLOPE)



TYPICAL GUARDWALL CROSS SECTION  
(SINGLE FACE ADJACENT TO INLET, TYPE 6A)



W1 BAR  
BENDING DIAGRAM

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY	
U.S. CUSTOMARY STANDARD	
<b>STONE MASONRY GUARDWALL (SINGLE FACE)</b>	
STANDARD APPROVED FOR USE 6/2005	STANDARD 620-1
REVISED:	

NO SCALE

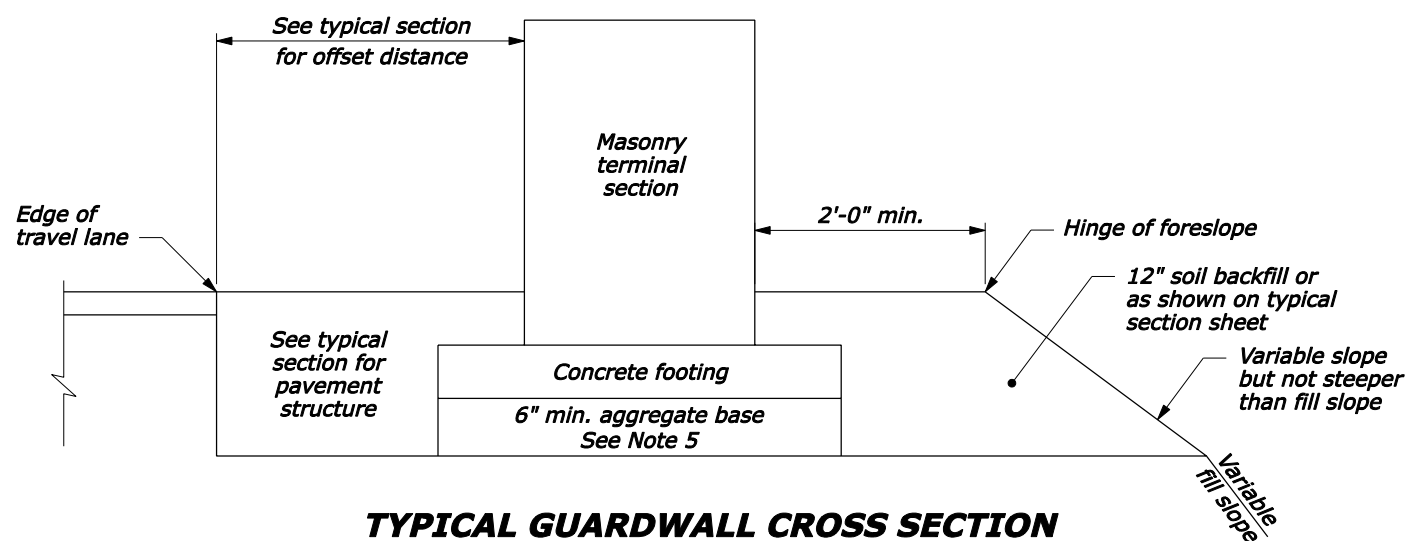






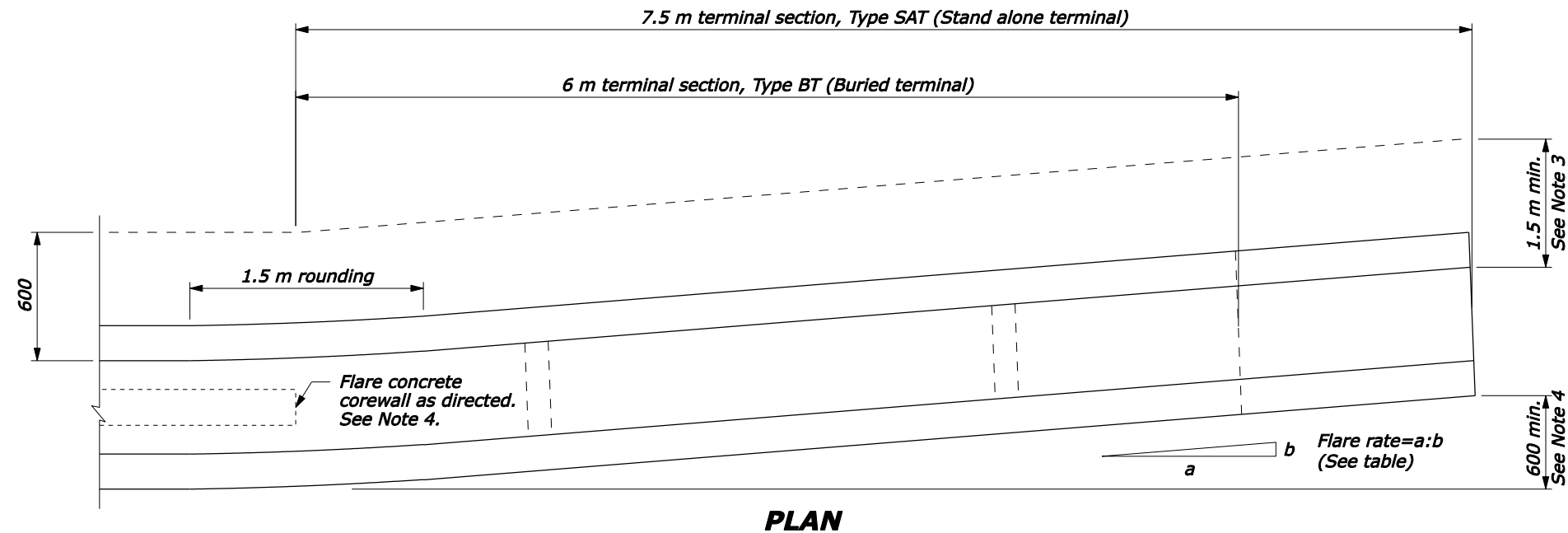


- 
- Pay Limits for stone masonry guardwall with terminal section, Type SAT
- Pay Limits for stone masonry guardwall with terminal section, Type BT
- 5'-0" rounding
- 27"
- Concrete corewall
- Masonry
- 6" x 6" weep hole on 10' centers
- Concrete footing
- Aggregate base
- 3"
- ELEVATION**

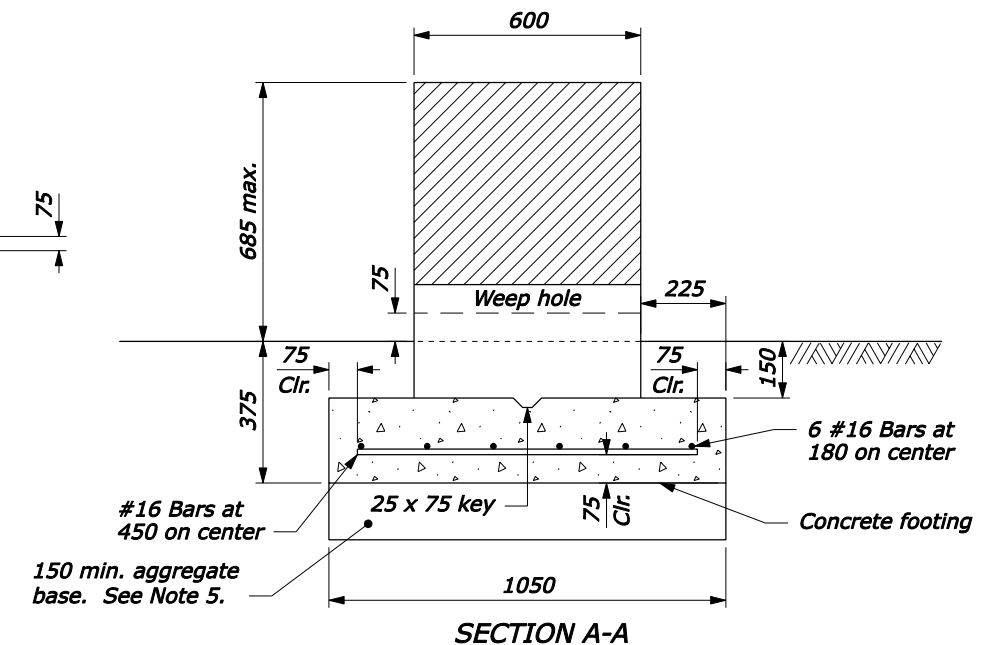
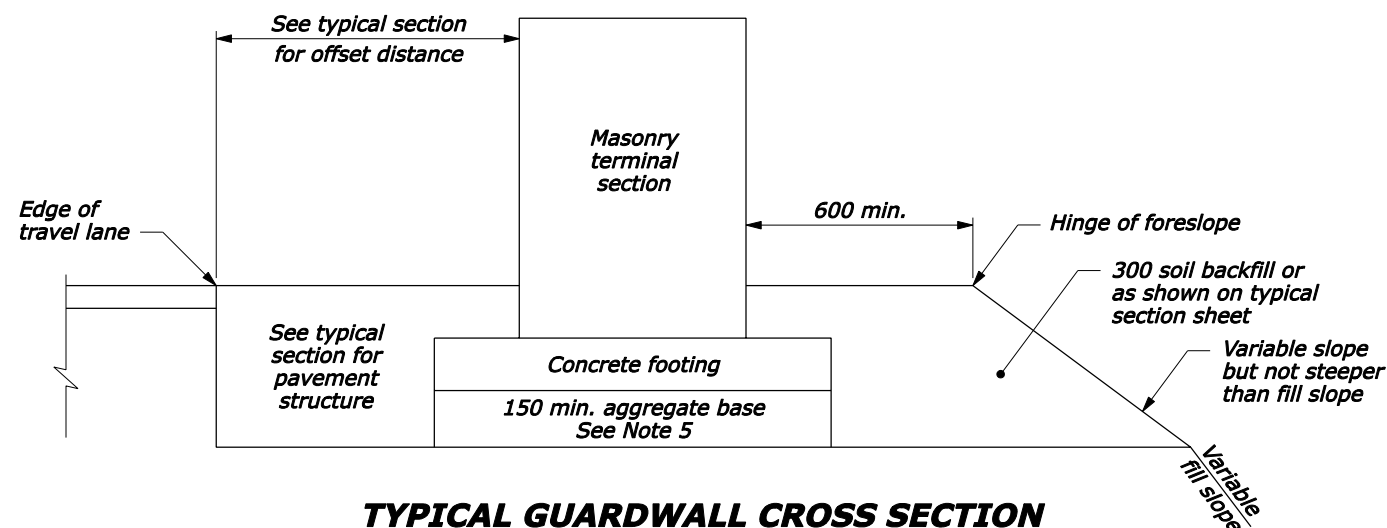
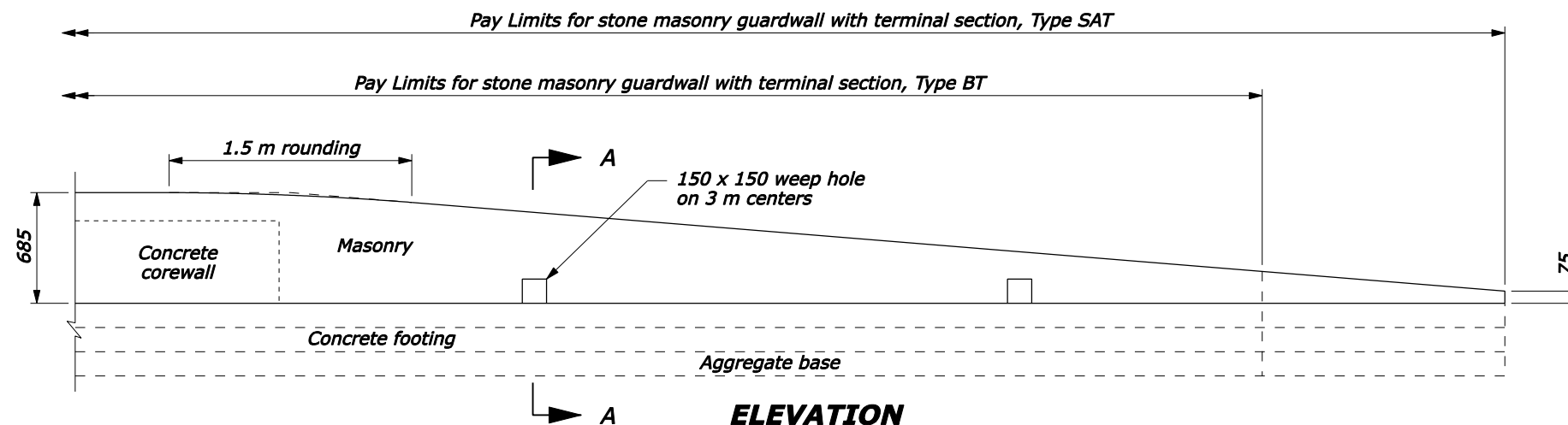


<b>GUARDWALL FLARE RATE TABLE</b>			
<i>Design Speed (mph)</i>	<i>Shy line offset (ft)</i>	<i>Flare rate inside shy line (a:b)</i>	<i>Flare rate outside shy line (a:b)</i>
60	8.0	26:1	18:1
50	6.5	21:1	14:1
40	4.5	16:1	10:1
30 or less	3.5	13:1	8:1

**NO SCALE**



- NOTE:**
1. *The Type SAT (Stand alone terminal) terminal section or the Type BT (Buried terminal) terminal section to be used as specified.*
  2. *For the Type BT terminal section the last 1.5 m of the Type SAT terminal section is deleted. See Standard M204-1, Earth berm for roadside barrier terminal section, for construction of the earth berm.*
  3. *Extend the fill widening a minimum of 1.5 m behind the guardwall for the Type SAT terminal section, unless otherwise directed.*
  4. *The guardwall flare shown in the plan view is the minimum length and rate required. Flare the guardwall so that the terminal section is outside the clear zone as directed by the CO.*
  5. *The depth of base may be less than 150 mm as directed by the CO, when the foundation is on either rock fill or solid rock.*
  6. *Ensure guardrail terminal section is outside the clear zone by using appropriate flare rate in guardrail layout and as directed by CO.*
  7. *Dimensions without units are millimeters.*



<b>GUARDWALL FLARE RATE TABLE</b>			
<i>Design Speed (km/h)</i>	<i>Shy line offset (meters)</i>	<i>Flare rate inside shy line (a:b)</i>	<i>Flare rate outside shy line (a:b)</i>
<b>100</b>	<b>2.4</b>	<b>26:1</b>	<b>18:1</b>
<b>80</b>	<b>2.0</b>	<b>21:1</b>	<b>14:1</b>
<b>60</b>	<b>1.4</b>	<b>16:1</b>	<b>10:1</b>
<b>50 or less</b>	<b>1.1</b>	<b>13:1</b>	<b>8:1</b>

**NO SCALE**